

Title (en)

METHODS FOR ANALYSIS OF HETEROGENEOUS CATALYSTS IN A MULTI-VARIABLE SCREENING REACTOR

Title (de)

UNTERSUCHUNGSVERFAHREN FÜR HETEROGENKATALYSATOREN IN EINEM MULTIVARIABLEN SCREENING-REAKTOR

Title (fr)

ANALYSE DE CATALYSEURS HÉTÉROGÈNES DANS UN RÉACTEUR DE CRIBLAGE MULTI-CRITÈRE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO0204121A2] Methods and apparatus for combinatorial (i.e., high-throughput) materials research, such as catalysis research, that involves parallel apparatus for simultaneously effecting mechanical treatments such as grinding, mixing, pressing, crushing, sieving, and/or fractionating of such materials are disclosed. The methods and apparatus are useful for mechanically treating catalysis materials and other solid materials, including without limitation, electronic materials such as phosphors, colorants such as pigments, and pharmaceuticals such as crystalline drugs or drug candidates. The simultaneous protocols and parallel apparatus offer substantial improvements in overall throughput for preparing arrays of materials, such as catalysis materials.

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